

ABSTRACT OF THE DISCLOSURE

5 An electromagnetic immune tissue invasive system includes a primary
device housing. The primary device housing having a control circuit therein.
A shielding is formed around the primary device housing to shield the
primary device housing and any circuits therein from electromagnetic
interference. A lead system transmits and receives signals between the
10 primary device housing. The lead system is either a fiber optic system or an
electrically shielded electrical lead system.